

CLAIMS

What is claimed is:

- 5 1. A Wireless Application Protocol (WAP) system for delivering voice-based content to a user of a wireless device, comprising:
- a WAP Server operative to deliver voice-based information to the wireless device over a connection, in response to the receipt of a voice-based content request; and
- a WAP Gateway operative to receive the voice-based content request from
- 10 the wireless device and to deliver the voice-based content request to a Voice Portal Node; wherein the Voice Portal Node is operative to place a call to the wireless device, thereby establishing the connection between the wireless device and the WAP Server.
- 15 2. The WAP system of Claim 1, wherein the WAP Gateway and the Voice Portal Node communicate over a Transport Control Protocol/Internet Protocol (TCP/IP) data channel.
3. The WAP system of Claim 2, wherein the WAP Gateway delivers
- 20 a directory number of the wireless device to the Voice Portal Node over the TCP/IP data channel, thereby enabling the Voice Portal Node to place the call to the wireless device.
4. The WAP system of Claim 1, wherein the WAP Server and the WAP Gateway communicate over a Transport Control Protocol/Internet Protocol
- 25 (TCP/IP) data channel.
5. The WAP system of Claim 1, wherein the Voice Portal Node is further operative to retrieve the voice-based content from the WAP Server and to deliver the voice-based content to the wireless device.

6. The WAP system of Claim 1, wherein the voice-based content is delivered to the Voice Portal Node in Voice Extensible Markup Language (VXML) format.

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7. The WAP system of Claim 6, wherein Voice Portal Node is operative to convert VXML content received from the WAP Server to an audio message and is further operative to deliver the audio message to the wireless device.

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8. The WAP system of Claim 1, wherein the WAP Server is further operative to send an email message containing the voice-based content in a text form to an email address.

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9. The WAP system of Claim 8, wherein the WAP Server is equipped with an email server operative to format and transmit the email message.

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10. The WAP system of Claim 1, wherein the WAP Server is further operative to simultaneously deliver voice-based and text-based content to the wireless device.

11. A method for delivering voice-based content and text-based content to a Wireless Application Protocol (WAP) device, the method comprising the steps of:

5 establishing a WAP-based connection between the WAP device and a WAP Server;
 establishing a telephonic connection between the WAP device and a Voice Portal Node;
 retrieving the voice-based content from the WAP server and delivering the voice-based content to the WAP device over the telephonic connection; and
10 delivering the text-based content to the WAP device over the WAP-based connection.

12. The method of Claim 11, further comprising the step of modifying the delivery of the voice-based content in response to receiving a user instruction over the
15 telephonic connection.

13. The method of Claim 11, further comprising the step of modifying the delivery of the voice-based information in response to receiving a user instruction over the WAP-based connection.
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14. The method of Claim 11, further comprising the step of modifying the delivery of the WAP-based information in response to receiving a user instruction over the telephonic connection.

25 15. The method of Claim 11, further comprising the step of modifying the delivery of the WAP-based information in response to receiving a user instruction over the WAP-based connection.

16. The method of Claim 11, wherein the WAP-based connection between the WAP device and a WAP Server is made through a WAP Gateway.

17. The method of Claim 11, further comprising the step of translating
5 Voice Extensible Markup Language (VXML) data to an audible message for delivery as the voice-based content.

18. The method of Claim 11, further comprising the step of translating
an audible voice user instruction to Voice Extensible Markup Language (VXML) data for
10 delivery to the WAP Server.

19. The method of Claim 11, further comprising the steps of:
accessing a WAP-enabled web site associated with the WAP Server; and
transmitting a voice content request to the WAP Server, via the WAP-
15 enabled web site.

20. A Wireless Application Protocol (WAP) system for delivering voice-based content to a user of a wireless device, comprising:

5 a WAP Server operative to deliver voice-based information to a the wireless device over a connection, in response to the receipt of a voice-based content request; and

a WAP Gateway operative to receive the voice-based content request from the wireless device and to deliver the voice-based content request to the Voice Portal Node, the voice-based content request including a directory number of the wireless device;

10 wherein the Voice Portal Node is operative to place a call to the directory number of the wireless device, thereby establishing the connection between the wireless device and the WAP Server; and

15 wherein the WAP Server is further operative to simultaneously deliver the voice-based content and to deliver text-based content to the wireless device.